

**AMENDMENT OF PROCEEDINGS**

Commissioner, Patent Office Esq.

1. Indication of International Application  
PCT/JP2004/018043

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4. Parts Amended Claims

5. Content of the Amendment

(1) Amend

"A content usage management device for managing usage of contents available at a terminal, comprising:

change-of-time detection means for detecting a change-of-time event at a terminal which uses the contents; and control means for updating limitation-on-usage information about the contents in accordance with the detected change of time." of claim 1 as

"A terminal apparatus comprising a content usage management device for managing usage of contents, comprising:  
terminal time change notification means for automatically notifying the content usage management device of

change of time of the terminal apparatus,  
wherein the content usage management device comprises:  
    change-of-time detection means for receiving a  
    notification of change from the terminal apparatus and  
    detecting a change-of-time event at the terminal  
    apparatus; and  
    control means for updating limitation-on-usage  
    information about the contents in accordance with the  
    detected change of time.”

(2) Amend

“The content usage management device according to claim 1, further comprising:  
    content storage means for storing the contents; and  
    limitation-on-usage information storage means for  
    storing the limitation-on-usage information about the  
    contents.” of claim 2 as

“The terminal apparatus according to claim 1, wherein,  
when the change-of-time detection means has detected the  
change-of-time event of the terminal apparatus, the control  
means updates the limitation-on-usage information.”

(3) Amend

“The content usage management device according to claim 1, wherein the limitation-on-usage information includes  
expiration date information showing an expiration date by which  
the contents can be used.” of claim 3 as

“The terminal apparatus according to claim 1,  
wherein the content usage management device further  
comprises data communications means for transmitting and  
receiving data to and from a terminal which uses the contents,  
    wherein the limitation-on-usage information includes  
    expiration date information showing an expiration date by which  
    the contents can be used, and reference time information showing  
    a reference time which serves as a reference for limitations

on usage of the contents,

wherein, when the contents are acquired, the data communications means transmits and receives data to and from a content distributor which distributes the contents, acquires a remaining time of validity of the contents from the content distributor as the expiration date, and acquires from the terminal a current time thereof as the reference time, and

wherein, when the change-of-time detection means has detected a change-of-time event of the terminal, the control means computes a time during which the contents have been used, by means of subtracting the reference time from the current time of the terminal, computes an expiration date achieved immediately after change of the time of the terminal by means of subtracting the time during which the contents have been used from the expiration time achieved immediately before change of time of the terminal, and updates limitation-on-usage information by means of taking the current time of the terminal achieved immediately after change of the time of the terminal as a new reference time."

(4) Amend

"The content usage management device according to claim 3, further comprising:

data communications means for transmitting and receiving data to and from the terminal which uses the contents,

wherein, when the contents are acquired,

the data communications means transmits and receives data to and from a content distributor which distributes the contents, acquires a remaining time of validity of the contents from the content distributor, and acquires a current terminal time from the terminal; and

the control means adds the remaining time of validity to the current terminal time, to thus compute the expiration date." of claim 4 as

"The terminal apparatus according to claim 3, wherein,

when the change-of-time detection means has detected a change-of-time event of the terminal, the data communications means acquires from the terminal a current time thereof achieved immediately before change of time of the terminal and a current time of the terminal achieved immediately after change of time of the terminal.”

(5) Amend

“The content usage management device according to claim 4, wherein the control means compares the current terminal time acquired from the terminal with the expiration date, to thus determine whether or not the contents are usable.” of claim 5 as

“A content usage management device for managing usage of contents available at a terminal, comprising:

change-of-time detection means for detecting a change-of-time event at a terminal which uses the contents; and control means for updating limitation-on-usage information about the contents in accordance with the detected change of time,

wherein, when the change-of-time detection means has detected the change-of-time event of the terminal, the control means updates the limitation-on-usage information.”

(6) Amend

“The content usage management device according to claim 4,

wherein, when the change-of-time detection means has detected a change-of-time event of the terminal, the control means subtracts a current terminal time achieved immediately before change of the terminal time from the expiration date, to thus compute a remaining time of validity achieved immediately before change of the terminal time, and adds the remaining time of validity achieved immediately before change of the terminal time to the current time of the terminal

achieved immediately after change of the terminal time to thus compute an expiration date achieved immediately after change of the terminal time, thereby updating limitation-on-usage information." of claim 6 as

"The content usage management device according to claim 5,

wherein the content usage management device further comprises data communications means for transmitting and receiving data to and from a terminal which uses the contents,

wherein the limitation-on-usage information includes expiration date information showing an expiration time by which the contents can be used and reference time information showing a reference time which serves as a reference for limitations on usage of the contents,

wherein, when the contents are acquired, the data communications means transmits and receives data to and from a content distributor which distributes the contents, acquires a remaining time of validity of the contents from the content distributor as the expiration date, and acquires from the terminal a current time thereof as the reference time, and

wherein, when the change-of-time detection means has detected a change-of-time event of the terminal, the control means computes a time during which the contents have been used, by means of subtracting the reference time from the time of the terminal, computes an expiration date achieved immediately after change of the time of the terminal by means of subtracting the time during which the contents have been used from the expiration date achieved immediately before change of time of the terminal, and updates limitation-on-usage information by means of taking the time of the terminal achieved immediately after change of the time of the terminal as a new reference time."

(7) Amend

"The content usage management device according to claim 6, wherein, when the change-of-time detection means has

detected a change-of-time event of the terminal, the data communications means acquires from the terminal a current time thereof achieved immediately before change of time of the terminal and a current time of the terminal achieved immediately after change of time of the terminal." of claim 7 as

"The content usage management device according to claim 6, wherein, when the change-of-time detection means has detected a change-of-time event of the terminal, the data communications means acquires from the terminal a time thereof achieved immediately before change of time of the terminal and a time of the terminal achieved immediately after change of time of the terminal."

6. List of Attached Documents

Claims              Pages 33, 33/1, 34, 35, 36 and 37

CLAIMS

1. (Amended) A terminal apparatus comprising a content usage management device for managing usage of contents, comprising:

5           terminal time change notification means for automatically notifying the content usage management device of change of time of the terminal apparatus,

wherein the content usage management device comprises:

10           change-of-time detection means for receiving a notification of change from the terminal apparatus and detecting a change-of-time event at the terminal apparatus; and

15           control means for updating limitation-on-usage information about the contents in accordance with the detected change of time.

2. (Amended) The terminal apparatus according to claim 1, wherein, when the change-of-time detection means has detected the change-of-time event of the terminal apparatus, the control

20           means updates the limitation-on-usage information.

3. (Amended) The terminal apparatus according to claim 1, wherein the content usage management device further comprises data communications means for transmitting and

25           receiving data to and from a terminal which uses the contents,

wherein the limitation-on-usage information includes  
expiration date information showing an expiration date by which  
the contents can be used, and reference time information showing  
a reference time which serves as a reference for limitations  
5 on usage of the contents,

wherein, when the contents are acquired, the data  
communications means transmits and receives data to and from  
a content distributor which distributes the contents, acquires  
a remaining time of validity of the contents from the content  
10 distributor as the expiration date, and acquires from the  
terminal a current time thereof as the reference time, and

wherein, when the change-of-time detection means has  
detected a change-of-time event of the terminal, the control  
means computes a time during which the contents have been used,  
15 by means of subtracting the reference time from the current  
time of the terminal, computes an expiration date achieved  
immediately after change of the time of the terminal by means  
of subtracting the time during which the contents have been  
used from the expiration time achieved immediately before change  
20 of time of the terminal, and updates limitation-on-usage  
information by means of taking the current time of the terminal  
achieved immediately after change of the time of the terminal  
as a new reference time.

25 4. (Amended) The terminal apparatus according to claim 3,

wherein, when the change-of-time detection means has detected a change-of-time event of the terminal, the data communications means acquires from the terminal a current time thereof achieved immediately before change of time of the terminal and a current 5 time of the terminal achieved immediately after change of time of the terminal.

5. (Amended) A content usage management device for managing usage of contents available at a terminal, comprising:

10 change-of-time detection means for detecting a change-of-time event at a terminal which uses the contents; and

control means for updating limitation-on-usage information about the contents in accordance with the detected 15 change of time,

wherein, when the change-of-time detection means has detected the change-of-time event of the terminal, the control means updates the limitation-on-usage information.

20 6. (Amended) The content usage management device according to claim 5,

wherein the content usage management device further comprises data communications means for transmitting and receiving data to and from a terminal which uses the contents,

25 wherein the limitation-on-usage information includes

expiration date information showing an expiration time by which the contents can be used and reference time information showing a reference time which serves as a reference for limitations on usage of the contents,

5       wherein, when the contents are acquired, the data communications means transmits and receives data to and from a content distributor which distributes the contents, acquires a remaining time of validity of the contents from the content distributor as the expiration date, and acquires from the

10      terminal a current time thereof as the reference time, and

          wherein, when the change-of-time detection means has detected a change-of-time event of the terminal, the control means computes a time during which the contents have been used, by means of subtracting the reference time from the time of

15      the terminal, computes an expiration date achieved immediately after change of the time of the terminal by means of subtracting the time during which the contents have been used from the expiration time achieved immediately before change of time of the terminal, and updates limitation-on-usage information by

20      means of taking the time of the terminal achieved immediately after change of the time of the terminal as a new reference time.

7.       (Amended) The content usage management device according  
25      to claim 6, wherein, when the change-of-time detection means

has detected a change-of-time event of the terminal, the data communications means acquires from the terminal a time thereof achieved immediately before change of time of the terminal and a time of the terminal achieved immediately after change of  
5 time of the terminal.

8. (Canceled)

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